

TEACHER'S RESOURCES

The book is packaged with:

- ♦ **Teacher's Manual** is specially created for the teachers using the new edition of New Science in Everyday Life Premium Edition coursebooks. This resource pack provides teachers with additional material and the guidance they may require to effectively teach the course. Teachers may choose to use all or some of the material, depending on their individual requirements. The Teacher's Resource Pack contains a comprehensive lesson plan, period-wise teaching methodology for each chapter, answers to all the questions, worksheets, suggestions for teacher-guided discussion, and resources for evaluation.
- ♦ **Companion CD:** Each book in the series is accompanied with a Companion CD. It provides integrated support to the course book. It has sections such as Classroom, Activities and Games, Crossword, Learning Aids, Tests, Be a Scientist, Web Links, Video Gallery, Fact Museum, and Glossary.
- ♦ **Oxford Educate** is an exciting new digital teaching aid that integrates in a single resource an e-book with interactive teaching tools and learning materials.
- ♦ **Test Generator** accompanying Oxford Educate is an innovative, easy-to-use assessment tool. It is designed to aid teachers in creating a variety of test papers and worksheets from an extensive pool of questions for effective evaluation.

AUTHORS

Vaishali Gupta is an experienced educationist and teacher trainer who has developed several child friendly learning methodologies. She has authored several textbooks and application-based school courses.

Anuradha Gupta was Resource Centre In-Charge at Junior Modern School for almost a decade where she strove through the use of multimedia and hands-on activities to make learning fun and interesting. She continues to conduct teacher-training workshops and has authored school books on environment studies. She also helped set up Mayoor School in Noida where she was Head-KG.

Supriya D. Seshadri is an alumnus of IIT Delhi. A PhD in Physics, she has been actively involved in developing innovative methods for teaching scientific concepts. She has also developed interactive CD-ROMs in science.

Shalini Bajaj is currently Vice Principal, Indraprastha International School, Dwarka. She has fifteen years of experience as a chemistry teacher at the senior secondary level.

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NEW Science IN EVERYDAY LIFE

BOOKS FOR CLASSES 1 TO 8
TEACHER'S MANUAL
OXFORD EDUCATE WITH TEST GENERATOR
COMPANION CD
WEBSITE



New Science in Everyday Life, Revised Edition, a science course for Classes 1 to 8, is based on extensive user feedback from a wide cross-section of schools, and conforms fully to the vision of the National Curriculum Framework (NCF). This series has been carefully structured keeping in mind the diverse needs of the learners at the primary level. The books for classes 1 to 8 have been designed for schools teaching a basic course in science at the primary level, and include various tools for continuous and comprehensive assessment. Each book in this revised edition is packaged with a user-friendly, interactive multimedia CD-ROM. The CD-ROM provides linked, integrated, supplementary support for each lesson in the textbook through appealing illustrations, animations, tests, games, etc.

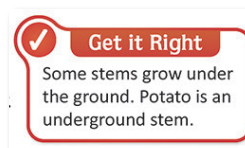
FEATURES

The key features of the course have been designed to ensure effective learning.

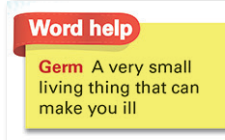
1 Comprehensive Learning Tools help students to quickly grasp and retain key concepts.



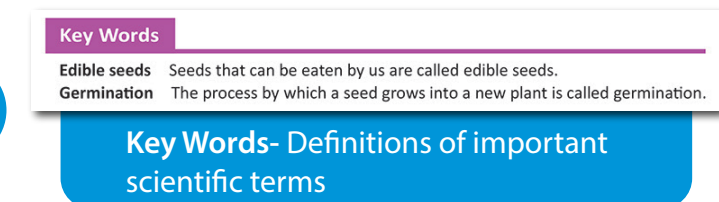
Fact File provides interesting concept-related snippets



Get It Right- Alerts to commonly held misconceptions



Word Help include meanings of difficult words



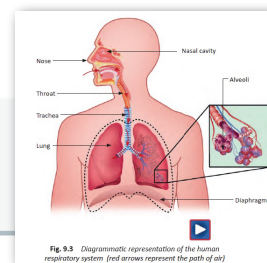
Key Words- Definitions of important scientific terms

- Summary**
- A plant is divided into two main parts—the root and the shoot.
 - The root takes in water and minerals from the soil.
 - The shoot consists of the stem, leaves, buds, flowers, and fruits.
 - The stem keeps a plant straight and upright. It also carries water and food to different parts of the plants.
 - The leaves prepare food for the plants.
 - Flowers change into fruits. Fruits contain seeds.
 - Air, water, and light help the seed to grow into a new plant.

Summary gives quick recap of the chapter



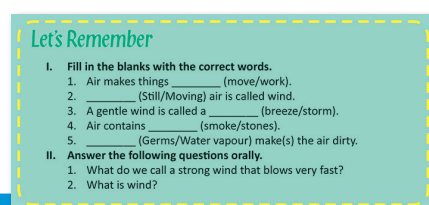
Visual dictionary- selective terms and their meanings supported by pictures



2 Oxford Areal (for Classes 6 to 8): An app that makes your textbook comes alive! Images in the textbook that have multimedia content accessible through Areal are identified with Oxford Areal icon.

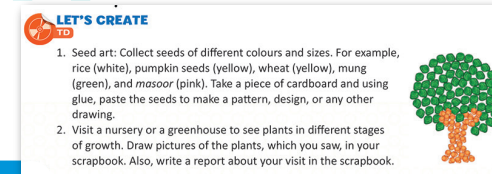


Chapter-opening illustrations as interactive exercises provide an engaging introduction to the chapter

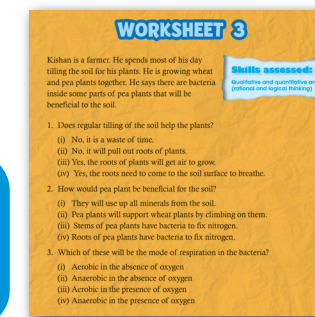


Let's Remember includes questions after every major topic and oral questions are included

3 Continuous Assessment Tools helps in monitoring learners' learning progress.

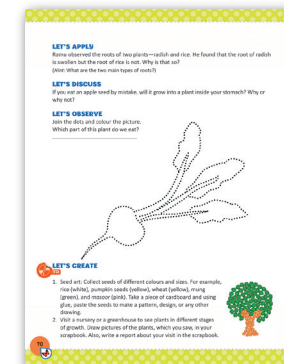


Let's Create give ideas for project, indoor/outdoor activities, field trips, research work to develop creativity and aesthetic skills, collaboration, and team work.



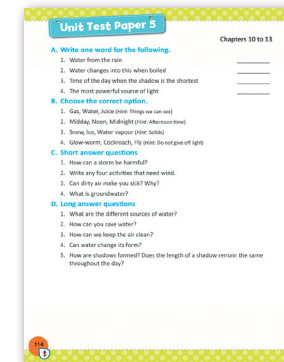
Worksheet - An interactive worksheet at the end of every unit for additional formative evaluation

4 Comprehensive Assessment Tools help to evaluate learners' depth of learning through a comprehensive pool of testing modes grouped under Exercises at the end of every chapter, Unit Test papers at the end of every unit, and Test Papers at the end of the book.

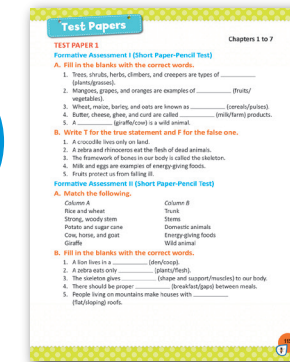


Exercises are designed to develop a wide range of scientific skills through a variety of questions graded under appropriate headers:

- **Let's Understand-** A variety of direct questions to test depth of learning
- **Let's Recall-** Concept maps to help draw linkages of the concepts learned in the chapter
- **Let's Evaluate-** Higher Order Thinking Skills (HOTS) questions to hone analytical abilities
- **Let's Discuss-** Probing questions for discussion to assess and develop verbal abilities
- **Let's Observe-** Drawing and picture-based exercises to develop observation and inference skills

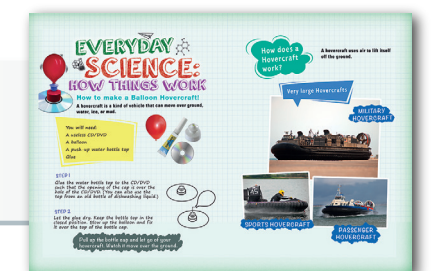


Unit Test Papers- A new set of summative assessment test papers for each unit



Test Papers Two formative (short paper-pencil tests) and one summative assessment test papers for each term

5 Everyday Science: How Things Work- Two-page spread catapults learners into the role of explorers by making them understand the science behind everyday things. Step-by-step instructions give learners hands-on experience



6 Environment Tools aim to spread awareness on the environment through:

An environment-focused educational story in comic book format

Green corner
We should not cut trees, or pluck flowers or leaves.

Green corner which provides practical tips and interesting snippets on environment-related topics